(19) World Intellectual Property Organization International Bureau



THERE ENGINEE IN CITED THE THIN THE THE THE FIRST BOOK BOOK BOOK BOOK IN THE FIRST BOOK BOOK IN THE FIRST BOOK IN

(43) International Publication Date 15 January 2004 (15.01.2004)

PCT

(10) International Publication Number WO 2004/005518 A1

(51) International Patent Classification⁷: 9/22, C12Q 1/44

C12N 15/55,

•

012.120.00

(21) International Application Number:

PCT/IT2003/000424

(22) International Filing Date:

4 July 2003 (04.07.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: RM2002A000365

8 July 2002 (08.07.2002) 1

- (71) Applicants (for all designated States except US):
 UNIVERSITA' DEGLI STUDI DI ROMA "LA
 SAPIENZA" [IT/IT]; P.le Aldo Moro, 5, 1-00185 Roma
 (IT). CONSIGLIO NAZIONALE DELLE RICERCHE
 [IT/IT]; P.le Aldo Moro, 7, I-00185 Roma (IT).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): BOZZONI, Irene [IT/IT]; Universitá Degli Studi di Roma "La Sapienza", Piazzale Aldo Moro, 5, I-00185 Roma (IT). CAFFARELLI, Elisa [IT/IT]; Universitá degli Studi di Roma "La Sapienza", P.le Aldo Moro, 5, I-00185 Roma (IT). LANEVE, PIETRO [IT/IT]; Universitá Degli Studi di Roma "La Sapienza", Piazzale Aldo Moro, 5, I-00185 Roma (IT).

- (74) Agents: GITTO, Serena et al.; Ing. Barzano & Zanardo Roma S.p.A., Via Piemonte, 26, 1-00187 Roma (IT).
- (81) Designated States (national): AE. AG, AL. AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO. CR, CU, CZ, DE, DK, DM. DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

2004/005518 A1 IIII

(54) Title: PURIFICATION, CLONING AND BIOCHEMICAL CHARACTERIZATION OF XendoU, ENDORIBONUCLEASIC ACTIVITY INVOLVED IN SMALL NUCLEAR RNA SPLICING-INDEPENDENT BIOSYNTHESIS IN XENOPUS LAEVIS